- 8. Describe digital imaging guidelines
- 9. Understand the best practices in digital radiography
- 10. Explain threshold and non-threshold dose

#### **Required Material:**

Essential of Radiographic Physics and Imaging 3rd ed. (Johnston, Fauber)

Digital Radiography in Practice 1st ed. (Carroll)

#### **Evaluation Methods:**

Each student will accumulate several hundred points in this course predicated on:

- a. Persuasive Papers (30% of total grade)
- b. In class tests (50% of total grade)
- c. Assignments (20% of total grade)

### **Grading Scale:**

s final grade will be based on their percentage of total points given. Grade determination is based on the following percentage:

```
Α
      93.4 100%
A-
      90.1 93.3%
B+
      86.7 90%
В
      83.4 86.6%
B-
      80.1 83.3%
C+
      76.7 80%
С
      73.4 76.6%
C
      70.1 73.3%
D+
      66.7 70%
D
      63.4 66.6%
D-
      60.1 63.3%
F
      60% and below
```

#### **Attendance Policy:**

Students are expected to attend class and be one time. Class will start at the designated time offered. A student may accrue two excused absences throughout the semester. Additional absences or excessive tardiness will result in a deduction in their overall grade.

#### **Cell Phone Policy:**

## Copyright

# **Course Schedule:**

Tuesday Jan. 18, 2022	Introduction to	
	Radiation Protection	
Thursday Jan. 20, 2022	Radiation Monitoring	
	and Protection	
Tuesday Jan. 25, 2022	The use of Gonadal	Shielding Discussion
	Shielding	
Thursday Jan. 27, 2022	Early and Late Effects	Threshold/Non-
	of Radiation Exposure	Threshold Persuasive
		paper DUE Wednesday
		March 9, 2022 @
		11:59pm

Thursday Mar. 10, 2022	Threshold/Non-		Threshold/Non-
	Threshold Debate		Threshold Persuasive
			Paper DUE (Wed March
			9, @ 11:59pm)
Tuesday Mar. 15, 2022	SPRING BREAK	SPRING BREAK	SPRING BREAK
Thursday Mar. 17, 2022	SPRING BREAK	SPRING BREAK	SPRING BREAK
Tuesday Mar. 22, 2022	Best Practices in Digital		Best Practices
	Radiography		Persuasive Paper Due
			May 3 @ 11:59pm
Thursday Mar. 24, 2022	Archiving patient	Carroll Chapter 13	⊟ectronic Health
	images and		Records Due Mar. 28 @
	information		11:59pm